



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: MICHEAL L. GRUENBERG

Serial No.: 08/700,565

Filed: July 25, 1996

For: AUTOLOGOUS IMMUNE CELL
THERAPY: CELL COMPOSITIONS,
METHODS AND APPLICATIONS TO
TREATMENT OF HUMAN DISEASE

Art Unit: 1644

Examiner: Schwadron, R

I hereby certify that this paper and the attached
papers are being deposited with the United
States Postal Service as First Class mail in an
envelope addressed to:
Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202, on this date.

05/14/02
Date

Stephanie Seidman

RESPONSE

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Responsive to the Office Communication, mailed May 03, 2002, please
amend the application as follows:

IN THE CLAIMS:

Please replace claim 211 with amended claim 211 as follows:

211. (Amended) A method for generating immune cells for autologous
cellular immunotherapy, comprising:

collecting leukocyte containing material from a mammal;

differentiating the leukocytes into Th1 cells;

and

exposing the leukocyte-containing material to mitogenic monoclonal
antibodies to induce *in vitro* cell proliferation sufficient for infusion into the
mammal for use in an immunotherapy treatment, wherein the *in vitro* cell
proliferation is produced without the use of exogenous interleukin-2.